Scourge 4% + 12% MF FORMULA II

FOR USE ONLY BY FEDERAL, STATE, TRIBAL OR LOCAL GOVERNMENT OFFICIALS RESPONSIBLE FOR PUBLIC HEALTH AND VECTOR CONTROL, OR BY PERSONS CERTIFIED BY THE STATE OR TRIBAL LEAD PESTICIDE REGULATORY AGENCY TO PERFORM ADULT MOSQUITO CONTROL APPLICATION, OR BY PERSONS UNDER THEIR DIRECT SUPERVISION

GENERAL
Scourge is designed for application as an Ultra-Low Volume (ULV) aerosol to control adult mosquitoes and flies in residential, industrial, urban, recreational areas, and other areas where the labeled pests are a problem. Scourge provides effective control of adult mosquitoes, flies, horse flies, deer flies, sheep flies, horn flies, yellow flies and nuisance flying insects such as house flies in areas such as but not limited to industrial areas, urban areas, parks, camp sites, woodlands, athletic fields, golf courses, playgrounds, recreational and overgrown waste areas, roadsides, and other public areas where adult mosquitoes and flies occur. Apply when ground wind speed is equal or greater than 1 mph. Scourge can be applied as undiluted or diluted with refined soybean oil, light mineral oil of 52 second viscosity or other suitable solvent or diluent.

PRECAUTIONAL CONSUMER: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente. (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

FIRST AID

IF SWALLOWED
• Call a poison control center or doctor immediately for treatment advice.
• Do not induce vomiting unless told to do so by a poison control center or doctor.
• Do not give any liquid to the person.
• Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15 to 20 minutes.
• Call a poison control center or doctor for treatment advice.

EFICIENCY DATA
Hazard to Humans & Domestic Animals

CAUTION

Environmental Hazards
This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow drift when bees are actively visiting the treatment area, except when applications are made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes, or the occurrence of mosquito-borne disease in animals or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

REGULATORY STATEMENTS

READ ENTIRE LABEL FOR DIRECTIONS
NOTICE: This concentrate cannot be diluted in water. Mix well before using. Avoid storing excess formulation in spray equipment tank beyond the period needed for application.

IN TREATMENT OF CORRALS, FEEDLOTS, SWINE LOTS, AND ZOOS, COVER ANY EXPOSED DRINKING WATER, DRINKING WATER FOUNTAINS AND ANIMAL FEED BEFORE APPLICATION.

BEFORE MAKING THE FIRST APPLICATION IN A SEASON, IT IS ADVISABLE TO CONSULT WITH THE STATE OR TRIBAL AGENCY WITH PRIMARY RESPONSIBILITY FOR PESTICIDE REGULATION TO DETERMINE IF PERMITS OR OTHER REGULATORY REQUIREMENTS EXIST. DO NOT EXCEED 25 APPLICATIONS AT 0.007 POUNDS OF RESMETHRIN PER ACRE (NOT TO EXCEED A TOTAL OF 0.18 POUNDS OF RESMETHRIN PER ACRE) IN ANY GIVEN SEASON.

MORE FREQUENT TREATMENTS MAY BE MADE TO PREVENT OR CONTROL A THREAT TO PUBLIC AND/OR ANIMAL HEALTH DETERMINED BY THE STATE, TRIBAL OR LOCAL HEALTH OR VECTOR CONTROL AGENCY ON THE BASIS OF DOCUMENTED EVIDENCE OF DISEASE CAUSING AGENTS IN VECTOR MOSQUITOES OR THE OCCURRENCE OF MOSQUITO-BORNE DISEASE IN ANIMAL OR HUMAN POPULATIONS, OR IF SPECIFICALLY APPROVED BY THE STATE OR TRIBE DURING A NATURAL DISASTER RECOVERY EFFORT.

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Spray Droplet Size Determination

Ground Equipment:
Spray equipment must be adjusted so that the volume median diameter is less than 30 microns (Dv 0.5 < 30 µm) and that 90% of the spray is contained in droplets smaller than 50 microns (Dv 0.9 < 50µm). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

Aerial Equipment:
Spray equipment must be adjusted so that the volume median diameter produced is less than 60 microns (Dv 0.5 < 60 µm) and that 90% of the spray is contained in droplets smaller than 100 microns (Dv 0.9 < 100 µm). The effects of flight speed and, for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

ULTRA LOW VOLUME APPLICATIONS
All types of applications should be conducted at temperatures of 50°F or higher. Apply when ground wind speeds are equal to or greater than 1 mph.

GROUND APPLICATION
Vehicle-Mounted ULV Cold Aerosol Generators or Vehicle-Mounted Non-Thermal Aerosol (Cold Fog): Apply through non-thermal ULV application equipment and base acreage calculations on the equipment manufacturer’s recommended swath width. Apply at a rate not to exceed 0.007 pounds of resmethrin per acre in any given 24 hour period. An optimum swath is created when Scourge is applied from a truck that is being driven perpendicular to the wind direction. Direct the spray head of equipment to ensure even distribution of the spray cloud throughout the area. For best results, apply when insects are most active and meteorological conditions are conducive to keeping the spray cloud in the air column close to the ground. An inversion of air temperatures and a light breeze is preferable. Application during the cooler hours of the night or early morning is recommended. Scourge may be applied through ULV Cold Aerosol Generators, or other equipment designed for non-thermal ULV aerosol applications. The desired application rate may be obtained under different conditions by altering the dilution rate of Scourge, the flow rate of the insecticide from the application equipment and the vehicle speed. Examples are given in the following Table.

<table>
<thead>
<tr>
<th>Treatment lb/a</th>
<th>Fi oz/a of undiluted Spray to be Applied</th>
<th>Application Rate-Fi oz/Min</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scourge Wanted Resmethrin/PBO</td>
<td>Spray to be Applied</td>
<td>5 MPH</td>
</tr>
<tr>
<td>0.007/0.021</td>
<td>3.0</td>
<td>9.0</td>
</tr>
<tr>
<td>0.0035/0.0105</td>
<td>1.5</td>
<td>4.5</td>
</tr>
<tr>
<td>0.00175/0.00525</td>
<td>0.75</td>
<td>2.25</td>
</tr>
<tr>
<td>0.00117/0.00351</td>
<td>0.50</td>
<td>1.50</td>
</tr>
</tbody>
</table>

Where dense vegetation is present, the use of the higher rates and/or slower speed is recommended.

AERIAL APPLICATION
Scourge may be applied either diluted or undiluted at rates of 0.0035 to 0.007 pounds resmethrin per acre by fixed wing or rotary aircraft that are capable of making a ULV application. Aerial application of Scourge should be made at a minimum altitude of 75 ft for rotary and 100 ft for fixed wing aircraft. Applications shall only be made when recommended by public health officials and trained personnel of mosquito abatement districts and other mosquito control programs. For best results, treat when insects are most active and meteorological conditions are conducive to keeping the spray cloud close to the ground. In order to compensate for windy conditions and ensure drift to the target area, aerial application with aircraft equipped with Global Positioning Systems (GPS) is recommended.

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IMPORTANT: READ BEFORE USE
Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

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